



A03-0026 11/01/01

***National
Environmental
Achievement Track***

Application Form

PPG Industries, Inc. - Works 8

Name of facility

PPG Industries, Inc.

Name of parent company (if any)

Kebert Industrial Park

Street address

Street address (continued)

Meadville, PA, 16335

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Douglas Mehan

Title Senior Environmental Engineer

Phone 814 336 8326

Fax 814 336 8220

E-mail mehan@ppg.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

Section A

Tell us about your facility.

1 What do you do or make at your facility?

Manufacture Flat Glass for the Automotive Industry

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
3211

NAICS
327214

3 Does your company meet the Small Business Administration definition of a small business for your sector?

☐ Yes

☒ No

4 How many employees (full-time equivalents) currently work at your facility?

☐ Fewer than 50

☐ 50-99

☒ 100-499

☐ 500-1,000

☐ More than 1,000

Section A, continued

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

RCRA Generator #: PAD045878238

TRI Facility #: 16335PPGNDKEBER

NPDES Permit #: PA0027341

Title V Operating Permit #: 20-00145

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right *or* enclose a completed Checklist with your application.

Completed checklist with facility Air Pollution Regulation applicability analysis attached.

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

PPG's Environmental Management System is compliant with the requirements of National Environmental Achievement Track and is implementing ISO 14001. The facility plans to be ISO certified by December 2002.

Why do we need this information?

Facilities need to have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

Section B

Tell us about your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy

☒ Yes

b. Planning

☒ Yes

c. Implementation and operation

☒ Yes

d. Checking and corrective action

☒ Yes

e. Management review

☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)?

☒ Yes

3 Did this cycle include both an EMS and a compliance audit?

☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS?

☒ Yes

If yes, what method of EMS assessment did you use?

☒ Self-assessment

☐ GEMI

☒ Other

☐ CEMP

Internal

☐ Third-party assessment

☐ ISO 14001 Certification

☐ Other

Section C

Tell us about your past achievements and future commitments.

Why do we need this information?

Facilities need to show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you need to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Total Solid Waste	2,637	Tons	2,232	Tons
<p>i. How is the current level an improvement over the previous level?</p> <p>Waste reduction efforts have resulted in a 25 % reduction between 1996 and 2000. Approximately 65% of the waste quantities reported above represent glass and metal waste material that is recycled locally. In addition, these reductions do not account for the re-use of over 100,000 tons of glass cullet annually at the Plant.</p> <p>ii. How did you achieve this improvement?</p> <p>This was accomplished by several projects including the re-use of batch baghouse waste into the glass melting furnaces and the glass packaging material re-use program.</p>				

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Packaging Materials Used in Product	670	Tons	224	Tons
<p>i. How is the current level an improvement over the previous level?</p> <p>Re-usable metal racks for transporting finished glass to PPG's automotive customers includes packaging material or dunnage to secure and protect the product during shipping and storage. PPG may typically ship over 80,000 of these re-usable racks per year to customers who may dispose of the dunnage and return the racks to PPG. The new 1CS rack for windshields has reduced dunnage by 111 tons in 2000 and will reduce over 300 tons in 2001.</p> <p>ii. How did you achieve this improvement?</p> <p>The new 1CS rack for windshield glass has replaced the old CS rack system and re-uses foam corners, rubber runners, and cardboard backing. Over 15 pounds of materials including plastic stretch wrap, plastic dust covers, wooden toeboards, laminated paper corners, plywood deck, fiberboard sandwich pads and wooden lashboards have been eliminated from each rack!</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you are a small facility, you need to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?	Emissions of NOx	
b. Is this aspect identified as significant in your EMS?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	<input checked="" type="checkbox"/> Option A: Absolute value	3,930 tons/year (Quantity/Units)
	<input type="checkbox"/> Option B: In terms of units of production or output	(Quantity/Units)

- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- ☒ Option A:
Absolute value 2,950 tons/year
(Quantity/Units)
- ☐ Option B:
In terms of
units of production (Quantity/Units)
or output
- e. How will you achieve this improvement?
- The current conventional air/natural gas fired 8-1 glass melting furnace will be replaced in 2002 with an oxygen/natural gas fired furnace. The new oxy-fuel furnace significantly reduces NOx emissions compared to traditional air/gas fired furnaces. A reduction will be taken in permitted emissions for the 8-1 Furnace from the current 26.75 lb NOx/ton glass produced to 7 lb/ton .

Second aspect you've selected

- a. What is the aspect?
- Emissions of Greenhouse Gases
- b. Is this aspect identified as significant in your EMS?
- ☐ Yes ☒ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☐ Option A:
Absolute value (Quantity/Units)
- ☒ Option B:
In terms of 1,138 lb CO2/ton glass
units of production produced
or output (Quantity/Units)
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- ☐ Option A:
Absolute value (Quantity/Units)
- ☒ Option B:
In terms of 1,012 lb CO2/ton glass
units of production produced
or output (Quantity/Units)
- e. How will you achieve this improvement?
- The new oxy-fuel process is more fuel efficient than an air-fuel furnace at the same production rate. A 15% reduction in fuel consumption on the Line 8-1 Furnace and a corresponding reduction of CO2 emissions is expected. Furnace 8-1 CO2 emissions will decrease from approximately 1,138 lb CO2/ton of glass produced to 1,012 lb/ton.

Third aspect you've selected

- | | | |
|---|---|-----------------------------------|
| a. What is the aspect? | Hazardous Solid Waste | |
| b. Is this aspect identified as significant in your EMS? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output. | <input checked="" type="checkbox"/> Option A:
Absolute value | 174 tons/year
(Quantity/Units) |
| | <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
| d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output. | <input checked="" type="checkbox"/> Option A:
Absolute value | 100 tons/year
(Quantity/Units) |
| | <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
| e. How will you achieve this improvement? | The 2002 Line 8-1 oxy-fuel furnace conversion will not have regenerators. Eliminating the regenerators will eliminate hazardous waste slag generated from the Line 8-1 process. | |

Fourth aspect you've selected

- | | | |
|---|--|--|
| a. What is the aspect? | Total Solid Waste | |
| b. Is this aspect identified as significant in your EMS? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output. | <input type="checkbox"/> Option A:
Absolute value | (Quantity/Units) |
| | <input checked="" type="checkbox"/> Option B:
In terms of
units of production
or output | 5.8 lbs/ton of product
(Quantity/Units) |
| d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output. | <input type="checkbox"/> Option A:
Absolute value | (Quantity/Units) |
| | <input checked="" type="checkbox"/> Option B:
In terms of
units of production
or output | 5.0 lbs/ton of product
(Quantity/Units) |

e. How will you achieve this improvement?

Reduction of slag hazardous waste, reuse of dust collector waste, reduction of packaging waste materials, establishing annual waste minimization goals, active participation of members of the Environmental Management Team and waste minimization subcommittee, and management support of these goals.

Why do we need this information?

Facilities need to demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

Section D

Tell us about your public outreach and reporting.

1 How do you identify and respond to community concerns?

Responding to public issues and concerns directed to the plant in a timely and honest manner. All phone calls and letters involving environmental issues are directed to the Environmental Engineer for prompt response. Other aspects are identified through active participation in all local environmental activities.

2 How do you inform community members of important matters that affect them?

Through the local newspaper, Plant open house meetings, participation in local community groups such as muni. council meetings, Chamber of Commerce meetings, French Creek Environmental Advisory Council meetings and others.

3 How will you make the Achievement Track Annual Performance Report available to the public?

☒ Website www.ppg.com

☒ Newspaper

☒ Open Houses

☒ Other

Community meetings through the local college, chamber of commerce meetings, Pollution Prevention Roundtable meetings, and others.

4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	<i>Organization</i>	<i>Name</i>	<i>Phone number</i>
<i>Representative of a Community/Citizen Group</i>	PA Environmental Council, French Creek Project	Brian Hill	814 332 2946
<i>State/Local Regulator</i>	PA Department of Environmental Protection	Brad Vanderhoof	814 332 6945
<i>Other community/local reference</i>	Allegheny College	Don Goldstein	814 332 3340

Section E

Application and Participation Statement.

On behalf of PPG Works 8
[my facility],

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title Lynn Hoover, Plant Manager

Facility Name Works 8

Facility Street Address Kebert Industrial Park

Facility ID Numbers PAD045878238

National Environmental Achievement Track

Environmental Requirements Checklist

We've included the following Checklist to help you answer questions in Section A, Tell us about your facility. The Checklist will help you identify the major federal, state, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Air Pollution Regulations

Check All That Apply

- ☒ 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
- ☒ 2. Permits and Registration of Air Pollution Sources
- ☒ 3. General Emission Standards, Prohibitions and Restrictions
- ☐ 4. Control of Incinerators
- ☒ 5. Process Industry Emission Standards
- ☒ 6. Control of Fuel Burning Equipment
- ☐ 7. Control of VOCs
- ☒ 8. Sampling, Testing and Reporting
- ☒ 9. Visible Emissions Standards
- ☒ 10. Control of Fugitive Dust
- ☐ 11. Toxic Air Pollutants Control
- ☐ 12. Vehicle Emissions Inspections and Testing

- ☐ 13. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above
Title V permit.

Hazardous Waste Management Regulations

Check All That Apply

- ☒ 1. Identification and Listing of Hazardous Waste (40 CFR 261)
 - ☒ - Characteristic Waste
 - ☐ - Listed Waste
- ☒ 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - ☒ - Manifesting
 - ☒ - Pre-transport requirements
 - ☒ - Record keeping/reporting
- ☐ 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - ☐ - Transfer facility requirements
 - ☐ - Manifest system and record-keeping
 - ☐ - Hazardous waste discharges
- ☐ 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - ☐ - General facility standards
 - ☐ - Preparedness and prevention
 - ☐ - Contingency plan and emergency procedures

- ☐ - Manifest system, Record keeping and reporting
- ☐ - Groundwater protection
- ☐ - Financial requirements
- ☐ - Use and management of containers
- ☐ - Tanks
- ☐ - Waste piles
- ☐ - Land treatment
- ☐ - Incinerators
- ☐ 5. Interim Standards for TSD Owners and Operators (40 CFR 265)
- ☐ 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- ☐ 7. Administered Permit Program (Part B) (40 CFR 270)
- ☒ 8. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above
Title 25 Pennsylvania Code, Chapter 262a

Hazardous Materials Management

Check All That Apply

- ☐ 1. Control of Pollution by Oil and Other Hazardous Substances (33 CFR 153)
- ☒ 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- ☒ 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- ☒ 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- ☒ 5. Community Right-to-Know Regulations (40 CFR 350-372)
- ☒ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above
Title 34 Pennsylvania Code, Chapters 301-323

Solid Waste Management

Check All That Apply

- ☐ 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- ☐ 2. Permit Requirements for Solid Waste Disposal Facilities
- ☐ 3. Installation of Systems of Refuse Disposal
- ☐ 4. Solid Waste Storage and Removal Requirements
- ☒ 5. Disposal Requirements for Special Wastes
- ☒ 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above
Title 25 Pennsylvania Code, Chapter 299

Water Pollution Control Requirements

Check All That Apply

- ☒ 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- ☒ 2. Designation of Hazardous Substances (40 CFR 116)

- ☒ 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- ☒ 4. NPDES Permit Requirements (40 CFR 122)
- ☐ 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- ☐ 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
Name of POTW
ID # of POTW
- ☐ 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- ☐ 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- ☐ 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- ☐ 10. Water Quality Standards
- ☐ 11. Effluent Limitations for Direct Dischargers
- ☒ 12. Permit Monitoring/Reporting Requirements
- ☐ 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- ☐ 14. Collection, Handling, and Processing of Sewage Sludge
- ☒ 15. Oil Discharge Containment, Control and Cleanup
- ☐ 16. Standards Applicable to Indirect Discharges (Pretreatment)
- ☒ 17. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Drinking Water Regulations

Check All That Apply

- ☐ 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- ☒ 2. National Primary Drinking Water Standards (40 CFR 141)
- ☐ 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- ☐ 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- ☐ 5. Underground Injection Control Requirements
- ☒ 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems
- ☒ 7. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Toxic Substances

Check All That Apply

- ☐ 1. Manufacture and Import of Chemicals, Record-keeping and Reporting Requirements (40 CFR 704)
- ☐ 2. Import and Export of Chemicals (40 CFR 707)
- ☒ 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)

- ☐ 4. Chemical Information Rules (40 CFR 712)
- ☐ 5. Health and Safety Data Reporting (40 CFR 716)
- ☐ 6. Pre-Manufacture Notifications (40 CFR 720)
- ☐ 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- ☐ 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- ☐ 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)
- ☒ 10. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Pesticide Regulations

Check All That Apply

- ☐ 1. FIFRA Pesticide Use Classification (40 CFR 162)
- ☐ 2. Procedures Storage and Disposal of Pesticides and Containers (40 CFR 165)
- ☐ 3. Certification of Pesticide Applications (40 CFR 171)
- ☐ 4. Pesticide Licensing Requirements
- ☐ 5. Labeling of Pesticides
- ☐ 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- ☐ 7. Disposal of Pesticide Containers
- ☐ 8. Restricted Use and Prohibited Pesticides
- ☐ 9. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Environmental Clean-Up, Restoration, Corrective Action

Check All That Apply

- ☐ 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (Please identify)
- ☐ 2. RCRA Corrective Action
- ☐ 3. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Facility Name PPG Industries, Inc. Works No. 8
Facility Location: Kebert Industrial Park, Meadville, PA, 16335
Facility ID Number(s): PAD045878238

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
4th Floor
Cambridge, MA 02140